

Light efficiency:

83 Lumen/Watt

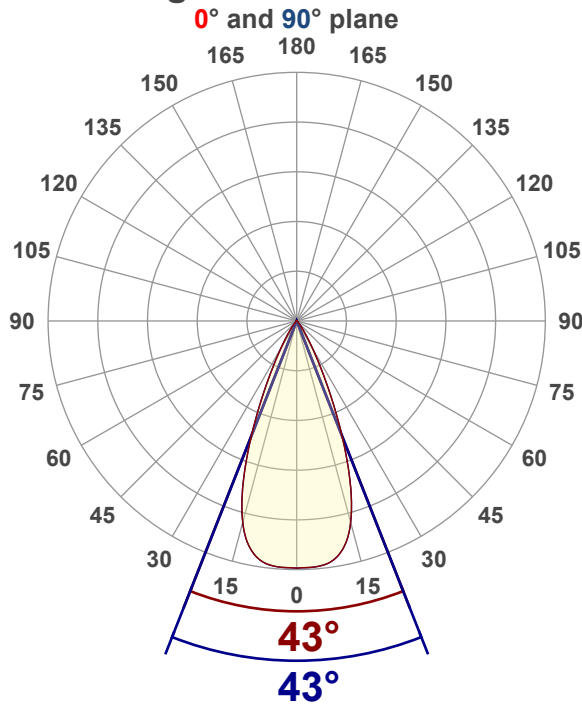
Color temperature:

3086 K

Light quality:

CRI:92.9, R_g:90.8, R_f:102.8**P: 2 / V: - / F: 2****Output: 1218 lm****Peak: 2333 cd****Power: 14.7 W****Voltage: 120 V****Current: 0.124 A****PF: 0.99****THD: 13.47 %**

Angular Distribution



Product name:

DRW-E30MG2WF-XX1-XXX

Test Date:

4/10/2025

Beam Angle (50% of the brightness of the centre):

43°

Field Angle (10% of the brightness of the centre):

62.7°

Cut Off Angle (2.5% of the brightness of the centre):

77.9°

Beam Details

*measured at centre of beam

Mounting Height (feet)\(meter)	Lux*	Footcandles*	Beam width (feet) / (meter)
4 ft / 1.2 m	1569 lx	146 fc	3.2 ft / 1 m
8 ft / 2.4 m	392 lx	36 fc	6.3 ft / 1.9 m
12 ft / 3.7 m	174 lx	16 fc	9.5 ft / 2.9 m
16 ft / 4.9 m	98 lx	9 fc	12.6 ft / 3.8 m
20 ft / 6.1 m	63 lx	6 fc	15.8 ft / 4.8 m

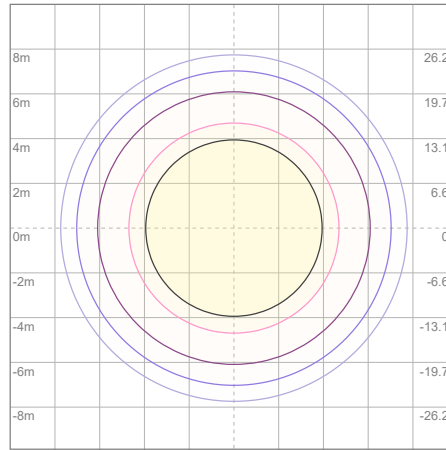
Beam center

Photometric Testing Report

Zonal Lumen Summary

Zone	Lumen	%Luminaire
0-30	1084	89.00%
0-40	1167	95.81%
0-60	1190	97.70%
60-90	15.5	1.27%
70-100	10.2	0.84%
90-120	6.15	0.50%
0-90	1206	99.01%
90-180	12.1	0.99%
0-180	1218	100.00%

ISO Lux Diagram



Mounting height: 3.05 meters (10 feet)

Lux at center:	251 lx
3%	7.53 lx
5%	12.55 lx
10%	25.10 lx
30%	75.30 lx
50%	125.50 lx

Conditions:

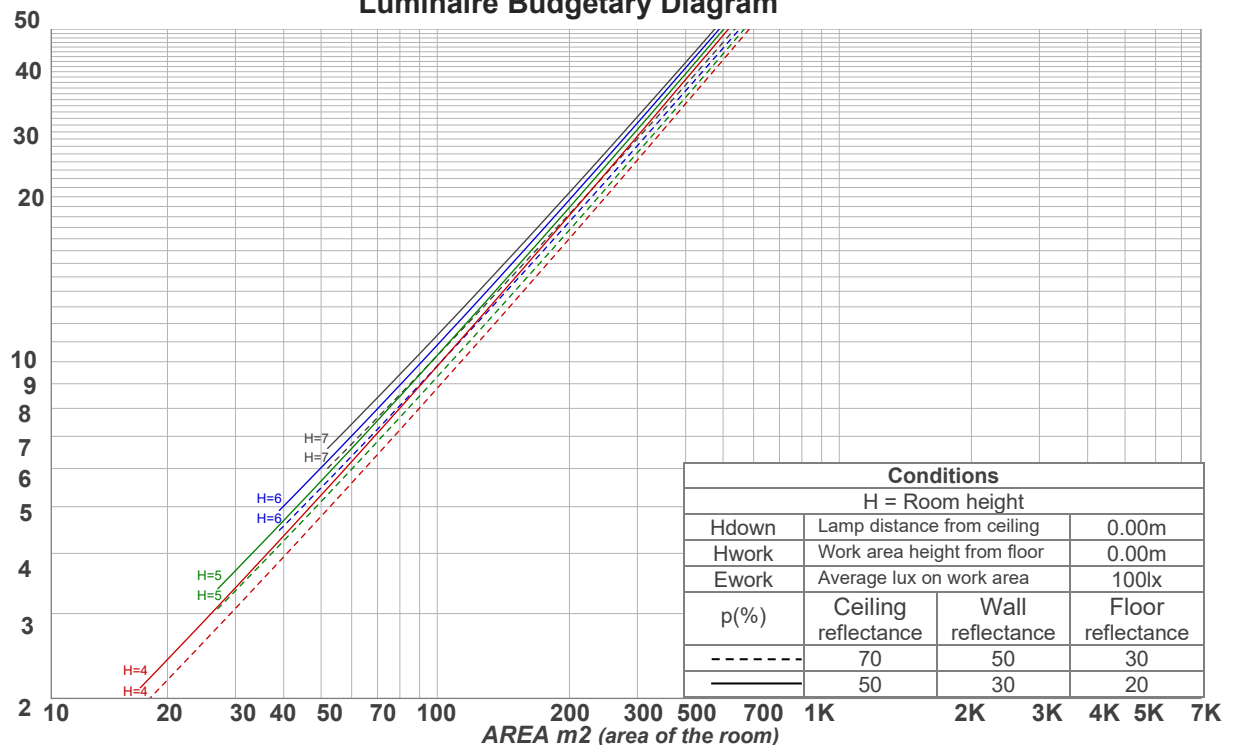
Number of planes: 8
Lux distribution on a surface when lamp is mounted at 3.05 meters from the surface.

Coefficients of Utilization

Ceiling reflectance	80				70				50			30			10			0
Wall reflectance	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
Floor reflectance	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	0
RCR	(RCR: Room Cavity Ratio) Room Values are expressed as percentage of Lumens delivered to the task surface																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	91	103	98	94	91	95	92	89	93	90	88	90	88	86	85
4	101	94	89	86	99	93	89	85	91	87	84	89	86	83	87	84	82	81
5	97	90	85	81	95	89	84	81	87	83	80	85	82	79	84	81	78	77
6	93	85	80	77	92	85	80	76	83	79	76	82	78	75	80	77	75	73
7	89	82	77	73	88	81	76	73	80	75	72	78	75	72	77	74	72	70
8	86	78	73	70	85	78	73	69	76	72	69	75	72	69	74	71	68	67
9	83	75	70	67	82	74	70	66	73	69	66	73	69	66	72	68	66	65
10	80	72	67	64	79	71	67	64	71	66	63	70	66	63	69	66	63	62

LAMPS (number of lamps)

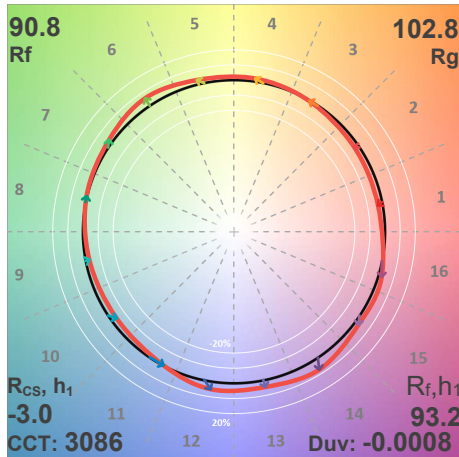
Luminaire Budgetary Diagram



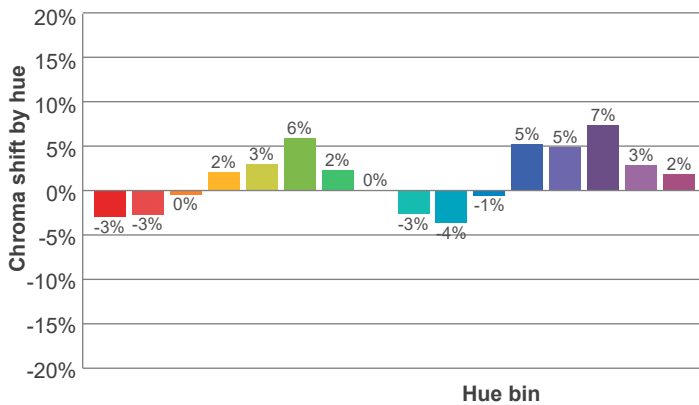
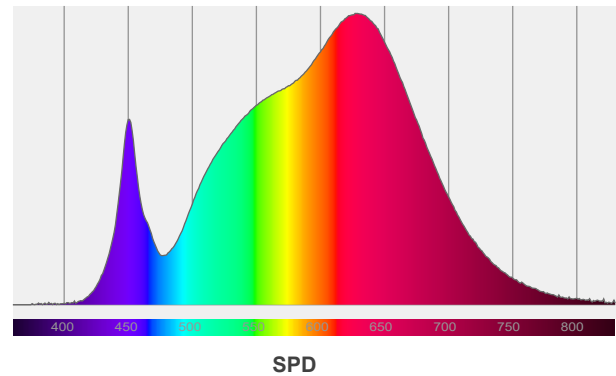
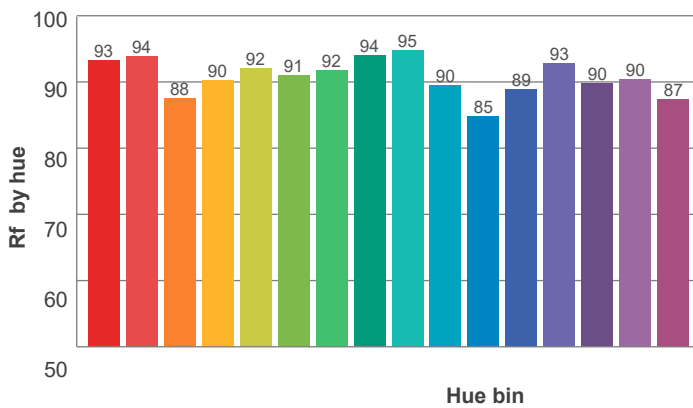
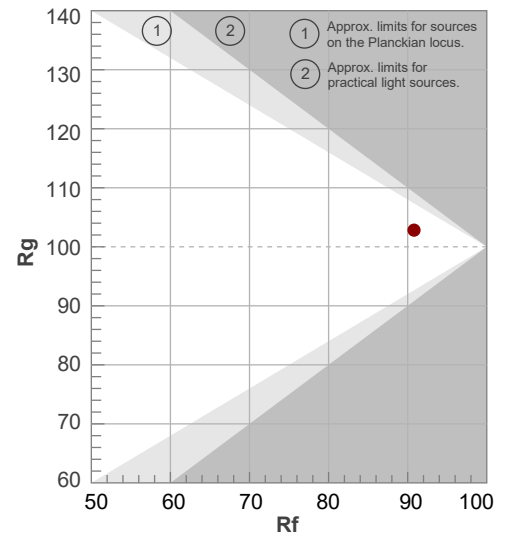
Photometric Testing Report

ANSI/IES TM-30-18

P: 2 / V: - / F: 2



Hue Bin	R _f	Shifts (%)	
		Chroma	Hue
1	93	-3%	-2%
2	94	-3%	2%
3	88	0%	6%
4	90	2%	6%
5	92	3%	4%
6	91	6%	0%
7	92	2%	-5%
8	94	0%	-4%
9	95	-3%	0%
10	90	-4%	5%
11	85	-1%	10%
12	89	5%	5%
13	93	5%	1%
14	90	7%	-4%
15	90	3%	-6%
16	87	2%	-10%



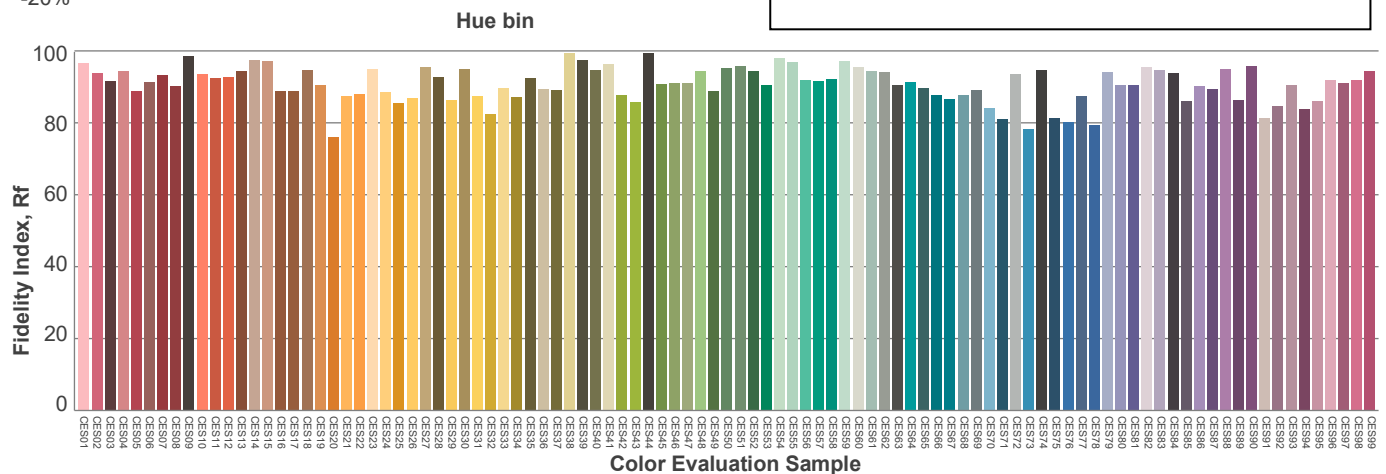
Red: 39.9%, Power=13.8mW

Blue: 7.5%, Power=5.2mW

Green: 24.3%, Power=15.5mW

UVA: 0%, Power=0.1mW

Dominant Wavelength: 584nm

1st Peak Wavelength: 627nm2nd Peak Wavelength: 451nm

Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	13.2	13.7	13.3	13.9	14.1	13.2	13.7	13.3	13.9	14.1
	3H	13.4	14.1	13.8	14.3	14.5	13.4	14.1	13.8	14.3	14.5
	4H	13.7	14.4	14.2	14.6	14.9	13.7	14.4	14.2	14.6	14.9
	6H	14.2	14.7	14.5	15.0	15.4	14.2	14.7	14.5	15.0	15.4
	8H	14.4	14.9	14.8	15.3	15.7	14.4	14.9	14.8	15.3	15.7
	12H	14.6	15.1	15.0	15.5	15.9	14.6	15.1	15.0	15.5	15.9
4H	2H	13.0	13.6	13.4	13.9	14.1	13.0	13.6	13.4	13.9	14.1
	3H	13.7	14.2	14.1	14.6	15.0	13.7	14.2	14.1	14.6	15.0
	4H	14.1	14.6	14.5	15.0	15.5	14.1	14.6	14.5	15.0	15.5
	6H	14.7	15.2	15.2	15.6	15.9	14.7	15.2	15.2	15.6	15.9
	8H	15.0	15.5	15.6	15.8	16.2	15.0	15.5	15.6	15.8	16.2
	12H	15.3	15.7	15.9	16.1	16.6	15.3	15.7	15.9	16.1	16.6
8H	4H	14.3	14.8	14.8	15.1	15.5	14.3	14.8	14.8	15.1	15.5
	6H	15.1	15.4	15.6	15.9	16.4	15.1	15.4	15.6	15.9	16.4
	8H	15.6	15.8	16.1	16.4	17.0	15.6	15.8	16.1	16.4	17.0
	12H	16.1	16.3	16.7	16.8	17.4	16.1	16.3	16.7	16.8	17.4
12H	4H	14.3	14.7	14.8	15.1	15.6	14.3	14.7	14.8	15.1	15.6
	6H	15.3	15.5	15.8	16.0	16.7	15.3	15.5	15.8	16.0	16.7
	8H	15.7	15.9	16.4	16.5	17.1	15.7	15.9	16.4	16.5	17.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		2.6 / -1.0					2.6 / -1.0				
S = 1.5H		4.6 / -1.1					4.6 / -1.1				
S = 2.0H		6.3 / -1.1					6.3 / -1.1				
Standard table		n/a					n/a				
Correction summand		n/a					n/a				
Corrected glare indices referring to 1218 lm total luminous flux											

Due to our continued efforts to improve our products, product specifications are subject to change without notice. Please refer to our website for the latest test results.